



Approved for use through 10/31/2002. OMB 0651-0032. U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/01A (10-00).

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	METHOD AND APPARATUS FOR PRECISION COATING OF MOLECULES ON THE SURFACES OF MATERIALS AND DEVICES
--------------------	--

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
☒ Application No. 10/081,990, filed on February 20, 2002,
☐ as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and

All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor one:	<u>Buddy D. Ratner</u>	Citizen of:	<u>United States</u>
Signature:		Date:	<u>4/22/02</u>

Inventor two:	<u>Frank Turecek</u>	Citizen of:	<u>United States</u>
Signature:	_____	Date:	_____

Inventor three:	<u>William T. Elam</u>	Citizen of:	<u>United States</u>
Signature:	_____	Date:	_____

Inventor four:	<u>Hak-No Lee</u>	Citizen of:	<u>United States</u>
Signature:	_____	Date:	_____

X Additional inventors are being named on 1 additional form(s) attached hereto.

Burden Hour Statement: This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is used by the public to file (and the PTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Docket No. 920010.40001

271068_1

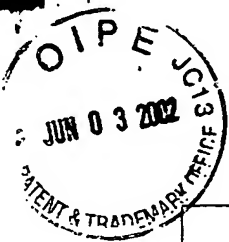
**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76)****ADDITIONAL INVENTOR(S)
Supplemental Sheet**

Page 2 of 2

FULL NAME OF INVENTOR(S)

Inventor five	Kathryn J. Kitching	Citizen of:	United Kingdom
Signature:		Date:	
Inventor six		Citizen of:	
Signature:		Date:	
Inventor seven		Citizen of:	
Signature:		Date:	
Inventor eight		Citizen of:	
Signature:		Date:	

☐ Additional inventors are being named on _____ additional form(s) attached hereto.



PTO/SB/01A (10-00).

Approved for use through 10/31/2002. OMB 0651-0032. U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	METHOD AND APPARATUS FOR PRECISION COATING OF MOLECULES ON THE SURFACES OF MATERIALS AND DEVICES
---------------------------	---

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
☒ Application No. 10/081,990, filed on February 20, 2002,
☐ as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and

All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor one: Buddy D. Ratner Citizen of: United States

Signature: _____ Date: _____

Inventor two: Frank Turecek Citizen of: United States

Signature: Frank Turecek Date: 4/12/02

Inventor three: William T. Elam Citizen of: United States

Signature: _____ Date: _____

Inventor four: Hak-No Lee Citizen of: United States

Signature: _____ Date: _____

☒ Additional inventors are being named on 1 additional form(s) attached hereto.

Burden Hour Statement: This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is used by the public to file (and the PTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Docket No. 920010,40001

271068_1

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76)****ADDITIONAL INVENTOR(S)
Supplemental Sheet**Page 2 of 2

FULL NAME OF INVENTOR(S)

Inventor five Kathryn J. Kitching Citizen of: United Kingdom

Signature: _____ Date: _____

Inventor six _____ Citizen of: _____

Signature: _____ Date: _____

Inventor seven _____ Citizen of: _____

Signature: _____ Date: _____

Inventor eight _____ Citizen of: _____

Signature: _____ Date: _____

☐ Additional inventors are being named on _____ additional form(s) attached hereto.



EXPRESS MAIL NO.: EL479769368US

PTO/SB/01A (10-00).
Approved for use through 10/31/2002. OMB 0651-0032. U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

Title of Invention	METHOD AND APPARATUS FOR PRECISION COATING OF MOLECULES ON THE SURFACES OF MATERIALS AND DEVICES
---------------------------	---

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
☒ Application No. 10/081,990, filed on February 20, 2002,
☐ as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and

All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor one:	<u>Buddy D. Ratner</u>	Citizen of:	<u>United States</u>
Signature:	_____	Date:	_____

Inventor two:	<u>Frank Turecek</u>	Citizen of:	<u>United States</u>
Signature:	_____	Date:	_____

Inventor three:	<u>William T. Elam</u>	Citizen of:	<u>United States</u>
Signature:	<u>William T. Elam</u>	Date:	<u>April 15, 2002</u>

Inventor four:	<u>Hak-No Lee</u>	Citizen of:	<u>United States</u>
Signature:	_____	Date:	_____

☒ Additional inventors are being named on 1 additional form(s) attached hereto.

Burden Hour Statement: This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is used by the public to file (and the PTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Docket No. 920010.40001

271068 1

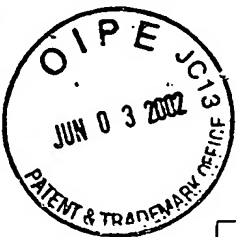
**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76)****ADDITIONAL INVENTOR(S)
Supplemental Sheet**

Page 2 of 2

FULL NAME OF INVENTOR(S)

Inventor five	<u>Kathryn J. Kitching</u>	Citizen of:	<u>United Kingdom</u>
Signature:	<u></u>	Date:	<u></u>
Inventor six	<u></u>	Citizen of:	<u></u>
Signature:	<u></u>	Date:	<u></u>
Inventor seven	<u></u>	Citizen of:	<u></u>
Signature:	<u></u>	Date:	<u></u>
Inventor eight	<u></u>	Citizen of:	<u></u>
Signature:	<u></u>	Date:	<u></u>

☐ Additional inventors are being named on _____ additional form(s) attached hereto.



Approved for use through 10/31/2002. OMB 0651-0032. U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	METHOD AND APPARATUS FOR PRECISION COATING OF MOLECULES ON THE SURFACES OF MATERIALS AND DEVICES
---------------------------	---

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
☒ Application No. 10/081,990, filed on February 20, 2002,
☐ as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and

All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor one: Buddy D. Ratner Citizen of: United States

Signature: _____ Date: _____

Inventor two: Frank Turecek Citizen of: United States

Signature: _____ Date: _____

Inventor three: William T. Elam Citizen of: United States

Signature: _____ Date: _____

Inventor four: Hak-No Lee Citizen of: United States

Signature:  Date: 5-20-02

X Additional inventors are being named on 1 additional form(s) attached hereto.

Burden Hour Statement: This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is used by the public to file (and the PTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.**

Docket No. 920010.40001

271068_1

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76)****ADDITIONAL INVENTOR(S)
Supplemental Sheet**

Page 2 of 2

FULL NAME OF INVENTOR(S)

Inventor five	<u>Kathryn J. Kitching</u>	Citizen of:	<u>United Kingdom</u>
Signature:	<u></u>	Date:	<u></u>
Inventor six	<u></u>	Citizen of:	<u></u>
Signature:	<u></u>	Date:	<u></u>
Inventor seven	<u></u>	Citizen of:	<u></u>
Signature:	<u></u>	Date:	<u></u>
Inventor eight	<u></u>	Citizen of:	<u></u>
Signature:	<u></u>	Date:	<u></u>

☐ Additional inventors are being named on ____ additional form(s) attached hereto.



Approved for use through 10/31/2002. OMB 0651-0032. U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	METHOD AND APPARATUS FOR PRECISION COATING OF MOLECULES ON THE SURFACES OF MATERIALS AND DEVICES
---------------------------	---

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
☒ Application No. 10/081,990, filed on February 20, 2002,
☐ as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and

All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor one: Buddy D. Ratner Citizen of: United States

Signature: _____ Date: _____

Inventor two: Frank Turecek Citizen of: United States

Signature: _____ Date: _____

Inventor three: William T. Elam Citizen of: United States

Signature: _____ Date: _____

Inventor four: Hak-No Lee Citizen of: United States

Signature: _____ Date: _____

☒ Additional inventors are being named on 1 additional form(s) attached hereto.

Burden Hour Statement: This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is used by the public to file (and the PTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Docket No. 920010.40001

271068 1

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76)****ADDITIONAL INVENTOR(S)
Supplemental Sheet**Page 2 of 2**FULL NAME OF INVENTOR(S)**

Inventor five	<u>Kathryn J. Kitching</u>	Citizen of:	<u>United Kingdom</u>
Signature:	<u>K. J. Kitching</u>	Date:	<u>1st MAY 2002</u>
Inventor six	<u></u>	Citizen of:	<u></u>
Signature:	<u></u>	Date:	<u></u>
Inventor seven	<u></u>	Citizen of:	<u></u>
Signature:	<u></u>	Date:	<u></u>
Inventor eight	<u></u>	Citizen of:	<u></u>
Signature:	<u></u>	Date:	<u></u>

☐ Additional inventors are being named on _____ additional form(s) attached hereto.